

10/085359

CRAWLER VEHICLE WITH OSCILLATING TRACK CARRIAGES

ABSTRACT OF THE DISCLOSURE

[0035] A crawler vehicle has a frame extending along a longitudinal axis of the vehicle, and two lateral track carriages oscillating with respect to the frame about a rear transverse axis. Each carriage is connected to a front cross member by a respective connecting assembly having a pin, which permits relative oscillation of the cross member and the carriage about a hinge axis perpendicular to the rear transverse axis, and has an eccentric portion for varying the size of the cross member between two given values as the carriages oscillate about the rear transverse axis.